

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

January 12, 2021

Rob Jones Agent for Agrosource, Inc. c/o Delta Analytical Corporation 12510 Prosperity Drive, Suite 160 Silver Spring, MD 20904

Subject: PRIA Label Amendment – Streptomycin Sulfate – New Time-Limited Use on

Citrus Crop Group 10-10 expiring January 12, 2028; supplemental label for

citrus

Product Name: AGRI-SEEDTM 50 WP EPA Registration Number: 80990-3 Application Date: 11/30/2015

Decision Number: 512076

Dear Rob Jones:

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec 3(c)(5) for a limited period of time. The new uses being granted in this amendment will automatically expire 01/12/2028. The following terms apply:

- 1) Resistance Management Plan implementation (education/training and stewardship plan). A yearly summary report describing the Resistance Management Plan implementation details must be submitted to the Registration Division by December 31st of each year for confirmatory purposes.
- 2) Annual sales reports listed by state, submitted by Agrosource, Inc. to the Registration Division by December 31st of each year
- 3) Monitoring requirement
 - a. You must submit protocol submissions describing how you plan to monitor both soil and citrus foliage for incidences of antibiotic resistance on a yearly basis for 3 years of this new use amendment on Citrus Crop Group 10-10. The protocol submission to the Registration Division must be made 3 months prior to each use season to allow for Agency review prior to start of monitoring. The first protocol submission will be made by January 31, 2021, which due to the timing of the registration is less than three months prior to the use season.
 - b. Annual monitoring report submissions by December 31st of each year starting in 2021.

Page 2 of 3 EPA Reg. No. 80990-3 Decision No. 512076

- 4) One year prior to expiration, if you choose to seek an extension or remove the time limitation for the Citrus Crop Group 10-10 use, you are required to submit an application for amendment along with a revised assessment on the development of streptomycin sulfate resistance in human pathogens addressing release, exposure, consequence assessments and overall risk estimation regarding public health effects resulting from cumulative usage of streptomycin sulfate on all citrus crops in all states where it is registered and used. The Agency will consult with the federal partners to reevaluate the current risk picture for streptomycin sulfate prior to extending or removing the time limitation on citrus or allowing the use to expire.
- 5) If the Agency determines it will not be able to grant an extension or remove the time limitation, the Agency will notify you by 2 months prior to the use expiring. Upon notification, you must submit revised labeling with the Citrus Crop Group 10-10 use removed by 1 month prior to expiration.
- 6) You must submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Page 3 of 3 EPA Reg. No. 80990-3 Decision No. 512076

Your release for shipment of the product constitutes acceptance of these terms. If you have any questions, please contact Heather A. Garvie by phone at 703-308-0034, or via email at garvie.heather@epa.gov.

Sincerely,

Cynthia Giles-Parker, Chief

Cofgiles-Parker

Fungicide Branch

Registration Division (7505P)

Office of Pesticide Programs

Enclosure -stamped label

Master Label: AGRI-SEED™ 50 WP (ABN: FIREWALL™ 50 WP)

ACCEPTED

01/12/2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

80990-3

AGRI-SEED[™] 50 WP

Fungicide/Bactericide Agricultural Streptomycin

For control or suppression of:

- Fire Blight for apples and pears
- Huanglongbing ("HLB", "citrus greening", "greening") and citrus canker in the citrus crop group
- Other bacterial diseases in beans, celery, pepper, potatoes, tobacco, tomatoes, and selected ornamentals

STREPTOMYCIN	GROUP	25	FUNGICIDE

Note to EPA: This product will also be marketed as FireWall™ 50 WP for use on listed vegetable crops, tree fruit, ornamentals, and row crops.

Active Ingredient:

Streptomycin Sulfate*	65.80%
Other Ingredients	<u>34.20%</u>
TOTAL	

^{*}Equivalent to 50% streptomycin

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

EPA Reg. No. 80990-3 EPA Est. No. XXXXX-XX-X

AgroSource, Inc.

P.O. Box 3091 Tequesta, Florida 33469

NOTICE: Read the entire Directions for Use and Conditions for Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product within 90 days, unopened and undamaged, and the purchase price will be refunded.

NET CONTENTS: XXXXXXXX

	FIRST AID
If On Skin or Clothing:	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If In Eyes:	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If Inhaled:	 Move person to fresh air If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
	HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact InfoTrac at 1-800-535-5053 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals

CAUTION: Avoid contact with skin, eyes, or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. Do not breathe dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This material is not to be used for medical, veterinary, or human purposes.

Personal Protective Equipment (PPE):

All applicators and other handlers must wear a minimum of:

- Protective eyewear (goggles, safety glasses or face shield);
- Coveralls over short-sleeved shirt and short pants;
- Chemical-resistant gloves;
- · Socks and shoes; and
- NIOSH approved particulate filtering facepiece respirator with any N, R, P filter (TC-84A); OR an elastomeric NIOSH approved particulate respirator with any N, R or P filter (TC-84A); OR a NIOSH approved powered air purifying respirator with an HE filter (TC-21C). Higher level respirators that are NIOSH approved for particulates that contain oil may also be used.

Applicators must also wear:

Chemical-resistant headgear ensuring full coverage of the neck

Applicators do not have to wear the protective eyewear, chemical-resistant gloves, chemical-resistant headgear, or a respirator when using closed cab systems that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(e)].

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.607(d) and (e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

Applicators do not have to wear the protective eyewear, chemical-resistant gloves, chemical-resistant headgear, or a respirator when using closed cab systems that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(e)].

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.607(d) and (e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

Attention: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

USE PARAMETERS AND APPLICATION RESTRICTIONS

To Reduce Potential for Selection of Bacterial Resistance:

AGRI-SEED[™] **50 WP** fungicide/bactericide contains a Group 25 fungicide/bactericide. Fungal isolates/bacterial strains with acquired resistance to Group 25 may eventually dominate the fungal/bacterial population if Group 25 fungicides/bactericides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **AGRI-SEED** [™] **50 WP** fungicide/bactericide or other Group 25 products.

To delay antibiotic/fungicide/bactericide resistance, take one or more of the following steps:

- Use only the specified and full-strength application rates.
- The streptomycin pesticidal mode of action is inhibition of protein synthesis. This
 product should be used to treat or prevent infection that are proven or strongly
 suspected to be caused by the indicated target bacteria. To reduce the likelihood of

bacteria developing resistance to streptomycin, follow the crop specific resistance management and use direction information present on this labeling. Use of this product should conform to resistance management practices/strategies established for the crop and use area (for example, the use of IPM, disease forecasting models, resistance crop varieties, etc.) Consult your local extension/crop consultant or State agricultural authority if reduced efficacy is suspected.

- Adopt an integrated disease management program that includes scouting, uses historical
 information related to pesticide use, and crop rotation, and which considers host plant
 resistance, impact of environmental conditions on disease development, disease
 thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time applications.
- Avoid the consecutive use of Agri-Seed 50 WP Fungicide/Bactericide Agricultural Streptomycin or other target site of action Group 25 products that have a similar target site of action, on the same pathogens.
- Use tank-mixtures or premixes with products from different target site of action Groups
 as long as the involved products are all registered for the same use and are both
 effective at the tank mix or prepack rate on the pathogen(s) of concern. Do not use any
 19 product that has a prohibition on tank mixing and follow the more restrictive use
 directions.
- When feasible, Agri-Seed 50 WP Fungicide/Bactericide Agricultural Streptomycin should be alternated with a comparable bactericide with a different mode of action.
- Base use on a comprehensive IPM program.
- Monitor treated bacterial/fungal populations for loss of field efficacy.
- Contact your local extension specialist, certified crop advisors, and/or manufacturer for fungicide/bactericide resistance management and/or IPM recommendations for specific crops and resistant pathogens.
- For further information or to report suspected resistance contact AgroSource, Inc. at 908-931-9001.
- Do not apply more than two consecutive applications before alternating with another fungicide/bactericide of a different mode of action.
- Do not apply streptomycin in orchards in which the soil has been fertilized with animal waste/manure or human biosolids.
- Animal Grazing in treated areas is prohibited. The public must be notified by posting restriction signs along the perimeter of the treatment area.
- To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other fungicide/bactericide products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria or fungi.
- Not to be used for medical, veterinary, or human purposes.
- Not for residential use.
- Do not apply this product through any type of irrigation system, including chemigation.
- Do not apply this product by aerial application.
- Spray Drift Precaution ALL uses to help reduce off-target drift, direct spray into the canopy, and turn off outward pointing nozzles at row ends and when spraying outer rows.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This product contains the antibiotic streptomycin. To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box apply to uses that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry Interval (REI) of 12 hours. Exception: Once seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of a waterproof material
- Shoes plus socks
- Protective eyewear

Seed Treatment Use – Control of Halo Blight in Beans (Pseudomonas syringae pv. phaseolicola)

MIXING INSTRUCTIONS					
Concentration	Quantity AGRI-SEED [™] 50 WP Per Volume of Water				
Desired	1 pt.	1 qt.	1 gal.	5 gals.	
1%	0.3 oz. (9.5g)	0.6 oz. (19.0 g)	2 2/3 oz.	13 1/3 oz.	
2%	0.6 oz. (19.0 g)	1 1/3 oz. (38.0 g)	5 1/3 oz.	26 2/3 oz.	
5%	1.5 oz. (47.5 g)	3.0 oz. (90.0 g)	13 1/3 oz.	66 2/3 oz.	

The application range of **AGRI-SEED**^m **50 WP** for beans is 0.17 to 0.87 oz. / cwt. of seed. For best protection, use the higher specified rate. **AGRI-SEED**^m **50 WP** will dissolve in water. Slurry rates will vary with components and treating equipment. Apply using commercial mist, spray, or other application equipment.

Seed Bag Label Requirements: – The Federal Seed Act requires that containers containing treated seeds shall be labeled with the following statements:

- -This seed has been treated with a fungicide containing streptomycin sulfate.
- -Do not use treated seed for feed, food, or oil purposes.
- -Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

The U.S. Environmental Protection Agency requires the following statements on containers containing streptomycin sulfate treated seed:

- -Store treated seed away from food and feedstuffs.
- -Do not allow children, pets or livestock to have access to treated seeds.
- -Wear long pants, long-sleeved shirt, shoes, socks, chemical resistant gloves, and a NIOSH-approved respirator with an approval prefix TC-84-A when handling treated seed.
- -Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- -Dispose of all excess treated seed by burying seed away from bodies of water.
- -Do not contaminate bodies of water when disposing of planting equipment wash water.
- -Dispose of seed packaging or containers in accordance with local requirements.

After the seeds have been planted, do not enter, or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface. Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

Additional information regarding use of **AGRI-SEED**[™] **50 WP** may be obtained from your local Agricultural Extension Agent or State Experimental Station.

Crop Use Directions (Note to EPA: Uses listed below will be marketed under the Alternate Brand Name of FireWall[™] 50 WP).

• Vegetable Crops

Crop	Disease (Pathogen)	AGRI-SEED™ 50 WP Application Rate	Use Directions	Restrictions
Celery (Florida area)	Bacterial Blight (<i>Pseudomonas</i> <i>cichorii</i>)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft ²	Seedlings in Greenhouse†: Apply first spray when seedlings are at 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6 Not for Use in California
Peppers	Bacterial Spot (<i>Xanthomonas</i> <i>campestris</i> pv <i>vesicatoria</i>)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft ²	Seedlings in Greenhouse†: Apply first spray when seedlings are at 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6 Not for Use in California
Potatoes	Soft Rot (<i>Erwinia</i> carotovora subsp. atroseptica Blackleg (<i>Erwinia</i> carotovora subsp. carotovora)	0.68 oz. per 25 gal. (0.028 lbs. a.i.) drench solution	Pre-Plant: Soak cut seed pieces in solution for several minutes; plant as usual. NOTE: A suitable fungicide (such as Maxim® Potato Seed Protectant or Maxim® MZ Potato Seed Protectant) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	Do not retreat seed. Not for Use in California
Tomatoes	Bacterial Spot (Xanthomonas campestris pv vesicatoria) Bacterial speck (Pseudomonas syringae pv tomato) Bacterial canker (Clavibacter michiganensis pv michiganensis)	Greenhouse†: 1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft ²	Seedlings in Greenhouse†: Apply first spray when seedlings are in the 2- leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6 Not for Use in California

• Tree Fruit Crops

	Disease	AGRI-SEED™ 50 WP		
Crop	(Pathogen)	Application Rate	Use Directions	Restrictions
Apples	Fire Blight (<i>Erwinia</i> <i>amylovora</i>)	8 – 16 oz. (0.34 lbs. – 0.67 lbs. a.i.) per acre per application	Begin spraying trees at 20%-30% bloom, according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 50 days of harvest. Minimum retreatment interval: 3 days. Maximum number of applications per year: 9 Not for Use in California
Apples (California)	Fire Blight <i>(Erwinia</i> <i>amylovora</i>)	9.6 oz. (0.40 lbs. a.i.) per acre per application	Spray trees at full bloom. Apply at petal fall and late secondary bloom according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 50 days of harvest. Minimum retreatment interval: 5 days. Maximum number of applications per year: 9
Pears	Fire Blight (<i>Erwinia</i> <i>amylovora</i>)	8 – 16 oz. (0.34 lbs. – 0.67 lbs. a.i.) per acre per application	Begin spraying trees at 20%-30% bloom according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 30 days of harvest. Minimum retreatment interval: 3 days. Maximum number of applications per year: 9 Not for Use in California
Pears (California)	Fire Blight (<i>Erwinia</i> <i>amylovora</i>)	9.6 oz. (0.40 lbs. a.i.) per acre per application	Spray trees at 10% bloom until all late bloom is over according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 30 days of harvest. Minimum retreatment interval: 5 days. Maximum number of applications per year: 9

• Tree Fruit Crops, Continued

	Disease	Agri-Seed [™] 50 WP		
Crop	(<i>Pathogen</i>)	Application Rate	Use Directions	Restrictions
Citrus Fruit (all types and varieties) Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; mount white lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor; trifoliate orange; uniq fruit; cultivars, varieties, and/or hybrids of these	Huanglongbing also known as "HLB", "Greening" or "Citrus Greening" disease	11 oz. (0.45 lbs. a.i.) per acre per application	Apply as a foliar spray using sufficient carrier volume to ensure complete coverage. Contact your local AgroSource representative for guidance on the use of adjuvants Make first application at initiation of spring flush to suppress HLB titer and disease symptoms. Make a second application mid-summer (not less than 21 days after first application). Make a third application in late summer to reduce the incidence of HLB-induced fruit drop and to further suppress HLB titer and disease symptoms (not less than 21 days after second application). Young trees: spray to near runoff.	Do not apply within 60 days of harvest. Minimum retreatment interval: 21 days. Maximum number of applications per year: 3 Maximum annual amount that may be applied per acre: 33 oz. (0.45 lbs. a.i)

• Tree Fruit Crops, Continued

	Disease	Agri-Seed [™] 50 WP		
Crop	(<i>Pathogen</i>)	Application Rate	Use Directions	Restrictions
Crop Citrus Fruit (all types and varieties) Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; mount white lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor; trifoliate orange; uniq	Citrus Canker (Xanthomonas citri pv. citri)	Agri-Seed™ 50 WP Application Rate 11 oz. (0.45 lbs. a.i.) per acre per application	Apply as a foliar spray using sufficient carrier volume to ensure complete coverage. Contact your local AgroSource representative for guidance on the use of adjuvants Make <u>first</u> application when spring flush is approximately 75% expanded to protect new growth from canker infection. Make a <u>second</u> application in summer when weather conditions warrant during periods of high citrus canker risk (not less than 21 days after first application in late summer to reduce the incidence of canker-induced fruit drop (not less than 21 days after second application). Young trees: spray to near runoff.	Do not apply within 60 days of harvest. Minimum retreatment interval: 21 days. Maximum number of applications per year: 3 Maximum annual amount that may be applied per acre: 33 oz. (0.45 lbs. a.i)

Ornamentals

		Agri-Seed [™] 50 WP		
Crop	Disease (<i>Pathogen</i>)	Application Rate	Use Directions	Restrictions
Berberis, Carnation, Forsythina, Geranium, Hederea (Ivy), Impatiens, Lonicera (Honeysuckle), Philadelphus, Poinsetta, Rudbeckia (Black-eyed Susan), Salvia, Syringa, Virburnum	Bacterial Leaf Spot, Bacterial Leaf Rot, Bacterial Blight (<i>Pseudomonas</i> and <i>Xanthomonas</i> spp.)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Apply at first signs of water-soaked areas on leaf. For curative action, remove all rotted leaves from plant and then spray.	Minimum retreatment interval 4 days. Maximum number of applications per year: 6. Not for Use in California
Chrysanthemums	Bacterial Wilt (<i>Erwinia</i> <i>chrysanthemi</i>), Bacterial Blight (<i>Pseudomonas</i> <i>solanacearum</i>)	0.34 oz. per 25 gal. (0.014 lbs. a.i.) in drench solution	Soak plant cuttings in solution for 4 hours; plant as usual.	Do not retreat. Not for Use in California
Hydrangea	Bacterial Blight (<i>Pseudomonas</i> solanacearum) Bacterial Leaf Spot (<i>Pseudomonas cichorii</i>)	0.34 oz. per 25 gal. (0.014 lbs. a.i.) in drench solution	Soak plant cuttings in solution for 4 hours; plant as usual.	Do not retreat. Not for Use in California
Dieffenbachia Cutting	Bacterial Stem Rot (<i>Erwinia chrysanthemi,</i> <i>Erwinia carotovora</i> pv <i>carotovora</i>)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Soak cuttings in solution for 20 minutes. Plant cuttings in sterilized rooting medium.	Do not retreat. Not for Use in California
		0.68 oz. per 25 gal. (0.028 lbs. a.i.) applied to 5,000 ft ²	Apply as foliar application to check spread of stem rot in stock plants.	Minimum retreatment interval 5 days. Maximum number of applications per year: 6. Not for Use in California
Philodendron	Bacterial Leaf Spot, Bacterial Leaf Rot (Xanthomonas campestris), Bacterial Blight (Pseudomonas and Xanthomonas spp.)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft ²	Apply as foliar application at first signs of water-soaked areas on leaf. If disease has spread, remove all rotted leaves from plant before spraying.	Minimum retreatment interval: 4 days. Maximum number of applications per year: 6 Not for Use in California
Roses	Crown Gall (<i>Agrobacterium spp.</i>)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Remove infected plant. Cut out gall tissue. Soak the plant root system and cut surfaces of the infected area in solution for 15 minutes. Replant in soil free of the crown gall organism.	Do not retreat. Not for Use in California
	(лугорассенині эрр.)	0.34 oz. per 25 gal. (0.014 lbs. a.i.) applied to 3,000 ft ²	Use once as watering solution. Follow with foliar sprays.	Minimum retreatment interval: 7 days. Not for Use in California Maximum number of applications per year: 6.

• Row Crops

Crop	Disease (<i>Pathogen</i>)	Agri-Seed [™] 50 WP Application Rate	Use Directions	Restrictions
Tobacco	Wildfire and Blue Mold (<i>Peronospora</i> <i>tabacina</i>)	Before plants are set in the field: • For preventative action: 0.68 oz./25 gal. (0.028 lbs. a.i.) applied to 5,000 ft.² • For curative action: 1.36 oz. /25 gal. (0.056 lbs. a.i.) applied to 5,000 ft.²	Apply first spray when plants are in the 2-leaf stage or about the size of a dime or when blue mold first appears in the area. Repeat application until plants are set in the field. Additional protection may be obtained by spraying field plants.	Minimum retreatment interval: 5 days. Maximum number of applications per year: 4. Not for Use in California Minimum retreatment interval: 7 days. Maximum number of applications per year: 6 Not for Use in California
		After plants are set in field: 5.4 oz. (0.22 lbs. a.i.)/A	In locations where wild fire mold has been a problem in recent years or where applications have been delayed until the disease appears, a foliar spray of FireWall™ 50 WP at the rate of 5.4 oz. per 100 gallons is recommended.	Minimum retreatment interval: 7 days. Maximum number of applications per year: 6 Not for Use in California

† Or similar type structure

Additional information regarding use of **AGRI-SEED**[™] **50 WP** fungicide/bactericide may be obtained from your local Agricultural Extension Agent or State Experimental Station.

Use of **AGRI-SEED**™ **50 WP** fungicide/bactericide may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of pears and apples.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Keep tightly closed and sealed. Product is moisture, temperature and light sensitive. Product is hygroscopic so protect from moisture. Store in a cool (<77°F, 25°C), dry place away from heat and open flames with minimum exposure to the atmosphere. Avoid extremes in temperature.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable Container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer bag for recycling if available or dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product, which are beyond the control of AGROSOURCE, INC. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AGROSOURCE, INC. and Seller harmless for any claims relating to such factors. AGROSOURCE, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions.

This warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or AGROSOURCE, INC., and Buyer and User assume the risk of any such use. AGROSOURCE, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. In no event shall AGROSOURCE, INC. or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGROSOURCE, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AGROSOURCE, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT. AGROSOURCE, INC. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of

liability, which may not be modified except by written agreement signed by a duly authorized representative of AGROSOURCE, INC.

AGRI-SEED and FIREWALL are trademarks of AgroSource, Inc.

Manufactured in the U.S.A. by AgroSource, Inc. ©2020 AgroSource, Inc. All rights reserved

FireWall™ 50 WP Alternate Brand Names (ABN): TITER™ 50 WP

Supplemental Label: AGRI-SEED™ 50 WP (ABN: FIREWALL™ 50 WP)

ACCEPTED 01/12/2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

AGRI-SEEDTM 50 WP Pesticide registered under EPA Reg. No. 80990-3

Fungicide/Bactericide Agricultural Streptomycin

Supplemental Label to add Directions for Use on Citrus Crop Group 10-10 This supplemental label expires on 1/12/2024 and must not be used or distributed after this date.

For control or suppression of:

• Huanglongbing ("HLB", "citrus greening", "greening") and citrus canker in the citrus crop group 10-10

STREPTOMYCIN GROUP	STREPTOMYCIN	GROUP	25	FUNGICIDE
----------------------	--------------	-------	----	-----------

Note to EPA: This product will also be marketed as FireWall™ 50 WP for use on listed vegetable crops, tree fruit, ornamentals, and row crops.

Active Ingredient:

Streptomycin Sulfate* 65.80% **Other Ingredients** 34.20%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alquien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

EPA Reg. No. 80990-3 EPA Est. No. XXXXX-XX-X

AgroSource, Inc.

P.O. Box 3091 Tequesta, Florida 33469

NOTICE: Read the entire Directions for Use and Conditions for Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product within 90 days, unopened and undamaged, and the purchase price will be refunded.

NET CONTENTS: XXXXXXXX

© 2021 AgroSource, Inc. 1

^{*}Equivalent to 50% streptomycin

	FIRST AID
If On Skin or Clothing:	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If In Eyes:	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If Inhaled:	 Move person to fresh air If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
	HOT I THE NUMBER

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact InfoTrac at 1-800-535-5053 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Avoid contact with skin, eyes, or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. Do not breathe dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This material is not to be used for medical, veterinary, or human purposes.

Personal Protective Equipment (PPE):

All applicators and other handlers must wear a minimum of:

- · Protective eyewear (goggles, safety glasses or face shield);
- · Coveralls over short-sleeved shirt and short pants;
- · Chemical-resistant gloves;
- · Socks and shoes; and
- · NIOSH approved particulate filtering facepiece respirator with any N, R, P filter (TC-84A); OR an elastomeric NIOSH approved particulate respirator with any N, R or P filter (TC-84A); OR a NIOSH approved powered air purifying respirator with an HE filter (TC-21C). Higher level respirators that are NIOSH approved for particulates that contain oil may also be used.

Applicators must also wear:

• Chemical-resistant headgear ensuring full coverage of the neck

Applicators do not have to wear the protective eyewear, chemical-resistant gloves, chemical-resistant headgear, or a respirator when using closed cab systems that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(e)].

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.607(d) and (e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

Applicators do not have to wear the protective eyewear, chemical-resistant gloves, chemical-resistant headgear, or a respirator when using closed cab systems that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(e)].

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.607(d) and (e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- · Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- · Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

Attention: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

USE PARAMETERS AND APPLICATION RESTRICTIONS

To Reduce Potential for Selection of Bacterial Resistance:

AGRI-SEED[™] **50 WP** fungicide/bactericide contains a Group 25 fungicide/bactericide. Fungal isolates/bacterial strains with acquired resistance to Group 25 may eventually dominate the fungal/bacterial population if Group 25 fungicides/bactericides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may

result in partial or total loss of control of those species by **AGRI-SEED** [™] **50 WP** fungicide/bactericide or other Group 25 products.

To delay antibiotic/fungicide/bactericide resistance, take one or more of the following steps:

- Use only the specified and full-strength application rates.
- The streptomycin pesticidal mode of action is inhibition of protein synthesis. This product should be used to treat or prevent infection that are proven or strongly suspected to be caused by the indicated target bacteria. To reduce the likelihood of bacteria developing resistance to streptomycin, follow the crop specific resistance management and use direction information present on this labeling. Use of this product should conform to resistance management practices/strategies established for the crop and use area (for example, the use of IPM, disease forecasting models, resistance crop varieties, etc.) Consult your local extension/crop consultant or State agricultural authority if reduced efficacy is suspected.
- Adopt an integrated disease management program that includes scouting, uses historical
 information related to pesticide use, and crop rotation, and which considers host plant
 resistance, impact of environmental conditions on disease development, disease
 thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time applications.
- Avoid the consecutive use of Agri-Seed 50 WP Fungicide/Bactericide Agricultural Streptomycin or other target site of action Group 25 products that have a similar target site of action, on the same pathogens.
- Use tank-mixtures or premixes with products from different target site of action Groups
 as long as the involved products are all registered for the same use and are both
 effective at the tank mix or prepack rate on the pathogen(s) of concern. Do not use any
 19 product that has a prohibition on tank mixing and follow the more restrictive use
 directions.
- When feasible, Agri-Seed 50 WP Fungicide/Bactericide Agricultural Streptomycin should be alternated with a comparable bactericide with a different mode of action.
- Base use on a comprehensive IPM program.
- Monitor treated bacterial/fungal populations for loss of field efficacy.
- Contact your local extension specialist, certified crop advisors, and/or manufacturer for fungicide/bactericide resistance management and/or IPM recommendations for specific crops and resistant pathogens.
- For further information or to report suspected resistance contact AgroSource, Inc. at 908-931-9001.
- Do not apply more than two consecutive applications before alternating with another fungicide/bactericide of a different mode of action.
- Do not apply streptomycin in orchards in which the soil has been fertilized with animal waste/manure or human biosolids.
- Animal Grazing in treated areas is prohibited. The public must be notified by posting restriction signs along the perimeter of the treatment area.
- To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other fungicide/bactericide products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria or fungi.
- Not to be used for medical, veterinary, or human purposes.
- Not for residential use.
- Do not apply this product through any type of irrigation system, including chemigation.

- Do not apply this product by aerial application.
- Spray Drift Precaution ALL uses to help reduce off-target drift, direct spray into the canopy, and turn off outward pointing nozzles at row ends and when spraying outer rows.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This product contains the antibiotic streptomycin. To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box apply to uses that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry Interval (REI) of 12 hours. Exception: Once seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of a waterproof material
- Shoes plus socks
- Protective eyewear

Crop Use Directions (Note to EPA: Uses listed below will be marketed under the Alternate Brand Name of FireWall™ 50 WP).

• Tree Fruit Crops

• Tree Fruit Crops, Continued

	Disease	Agri-Seed [™] 50 WP		
Crop	(Pathogen)	Application Rate	Use Directions	Restrictions
Citrus Fruit (all types and varieties) Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; mount white lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor; trifoliate orange; uniq fruit; cultivars, varieties, and/or hybrids of these	Citrus Canker (Xanthomonas citri pv. citri)	11 oz. (0.45 lbs. a.i.) per acre per application	Apply as a foliar spray using sufficient carrier volume to ensure complete coverage. Contact your local AgroSource representative for guidance on the use of adjuvants Make first application when spring flush is approximately 75% expanded to protect new growth from canker infection. Make a second application in summer when weather conditions warrant during periods of high citrus canker risk (not less than 21 days after first application in late summer to reduce the incidence of canker-induced fruit drop (not less than 21 days after second application). Young trees: spray to near runoff.	Do not apply within 60 days of harvest. Minimum retreatment interval: 21 days. Maximum number of applications per year: 3 Maximum annual amount that may be applied per acre: 33 oz. (0.45 lbs. a.i)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Keep tightly closed and sealed. Product is moisture, temperature and light sensitive. Product is hygroscopic so protect from moisture. Store in a cool (<77°F, 25°C), dry place away from heat and open flames with minimum exposure to the atmosphere. Avoid extremes in temperature.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable Container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer bag for recycling if available or dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product, which are beyond the control of AGROSOURCE, INC. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AGROSOURCE, INC. and Seller harmless for any claims relating to such factors. AGROSOURCE, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions.

This warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or AGROSOURCE, INC., and Buyer and User assume the risk of any such use. AGROSOURCE, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. In no event shall AGROSOURCE, INC. or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGROSOURCE, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AGROSOURCE, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT. AGROSOURCE, INC. and Seller offer this product, and Buyer

and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of AGROSOURCE, INC.

AGRI-SEED and FIREWALL are trademarks of AgroSource, Inc.

Manufactured in the U.S.A. by AgroSource, Inc. ©2020 AgroSource, Inc. All rights reserved

FireWall™ 50 WP Alternate Brand Names (ABN): TITER™ 50 WP